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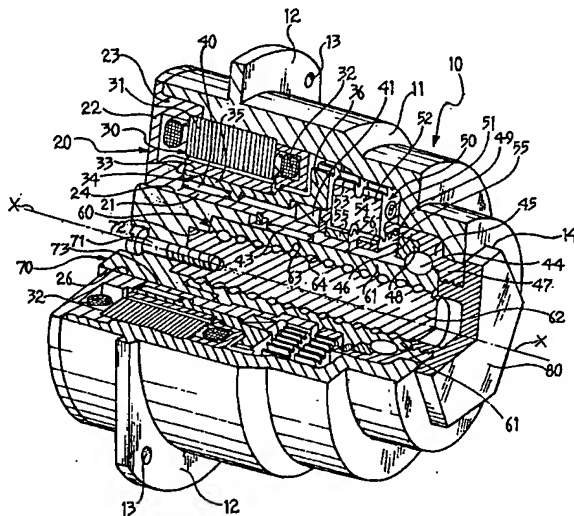
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(54) Title: **AN ELECTRO-MECHANICAL SCREW ACTUATOR ASSEMBLY**



(57) Abstract: An electro-mechanical screw actuator assembly comprises a housing (11) fixable to a motor vehicle, an electric motor (30) mounted within the housing (11) and including a stator (31) fixed to the housing (11) and a rotor (34), a screw mechanism (60) including a rotatable nut (61) and a central screw (62) translatable along a given axis (x), a gear reduction system (50) disposed between the rotor (34) and the screw mechanism (60) for provoking translation of the screw (62). The housing (11) is secured to or integral with a supporting member (21) of tubular cylindrical shape extending within the housing (11) coaxially to the axis (x). The supporting element (21) externally supports rotatably the rotor (34) of the electric motor (30), and internally supports rotatably the nut (61) of the screw mechanism (60).

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